CONTENTS

No. 1—January

PAGE

ROOS, C. M., THEA M. FELTKAMP-VROOM and A. W. HELDER. The localisation of hepatitis B antigen and immunoglobulin G in liver tissue: an immunofluorescence, light and electron microscopic study (Plates I–III) 1

EUSEBI, V., and J. G. AZZOPARDI. Vascular infiltration in benign breast disease (Plates IV–VIII) 9

FILIPE, M. I., and D. H. MACKENZIE. Histochemical characteristics of mucosubstances in three soft-tissue tumours 17

ROKOS, J., and J. KNOWLES. An experimental contribution to the pathogenesis of spina bifida (Plates IX–XII) 21

ROKOS, J., EVA CEKANOVA and EVA KITHIEROVA. Pathogenesis of trypan-blue-induced spina bifida (Plates XIII–XVIII) 25

PAPADIMITRIOU, J. M., and D. S. PETTERSON. The pathogenesis of lupinosis in the rat (Plates XIX–XXVII) 35

BOSMAN, FRÉ T., and WILLEM A. VAN VLOTEN. Sézary's syndrome: a cytogenetic, cytophotometric and autoradiographic study (Plate XXVIII) 49

TOTH, BELA, and LINDA MALICK. Scanning electron-microscopic study of the surface characteristics of neoplastic endothelial cells of blood vessels (Plates XXIX–XXXVI) 59

No. 2—February

TURNER, K. J., R. HACKSHAW, J. PAPADIMITRIOU and J. PERROTT. The pathogenesis of experimental pulmonary aspergillosis in normal and cortisone-treated rats (Plates XXXVII–XXXIX) 65

SCHMIDT, MELVIN E., Y. Z. ABDELBAKI and ANTHONY T. TU. Nephrotoxic action of rattlesnake and sea snake venoms: an electron-microscopic study (Plates XL–XLV) 75

GRAHAM, D. I., A. PATERSON, A. MCQUEEN, J. A. MILNE and H. URICH. Melanotic tumours (blue naevi) of spinal nerve roots (Plates XLVI–XLVIII) 83

CARR, I., F. MCGINTY and P. NORRIS. The fine structure of neoplastic invasion of liver, skeletal muscle and lymphatic vessels by the Rd/3 tumour (Plates XLIX–LXIII) 91

MCLAUGHLIN, J. E. Juvenile astrocytomas with subarachnoid spread (Plates LXIV and LXV) 101

DUNNILL, M. S., and D. W. JERROME. Renal tubular necrosis due to shock: light and electron-microscope observations (Plates LXVI–LXXI) 109

MCCLEMONT, J. M. F., and J. N. WEBB. Tumours arising in skeletal muscle in adults (Plates LXXII–LXXIV) 113

HOOSON, JEAN, and P. GRASSO. Cytotoxic and carcinogenic response to monocrotaline pyrrole (Plates LXXV–LXXVIII) 121

No. 3—March

PAGE

WILLIAMS, D. M., and N. W. JOHNSON. Alterations in peripheral blood leucocyte distribution in response to local inflammatory stimuli in the rat . . . 129

JONES, CAROLYN J. P., and H. FOX. An ultrahistochemical study of the distribution of acid and alkaline phosphatases in placentae from normal and complicated pregnancies (Plates LXXIX–LXXXV) 143

PAPADIMITRIOU, J. M. The influence of the thymus on multinucleate giant cell formation 153

KEELING JEAN W., S. P. LAMABADUSURIYA and J. T. HARRIES. The effects of pure and micellar solutions of different bile salts on mucosal morphology in rat jejunum *in vivo* (Plates LXXXVI and LXXXVII) 157

CHOU, S. T., C. W. CHAN and W. L. NG. Mucin histochemistry of human cholangiocarcinoma (Plates LXXXVIII and LXXXIX). 165

WELLWOOD, J. M., D. LOVELL, A. E. THOMPSON and J. R. TIGHE. Renal damage caused by gentamicin: a study of the effects on renal morphology and urinary enzyme excretion (Plates XC–XCVIII) 171

ELMES, MARGARET E. The Paneth cell population of the small intestine of the rat—effects of fasting and zinc deficiency on total count and on dithizone-reactive count 183

No. 4—April

DIANZANI, MARIO U., MARIO V. TORRIELLI, ROSA A. CANUTO, RENATO GARCEA and FRANCESCO FEO. The influence of enrichment with cholesterol on the phagocytic activity of rat macrophages 193

TAYLOR, C. R. Immuno-histological observations upon the development of reticulum cell sarcoma in the mouse (Plates XCIX–CIV) 201

WALTERS, M. N-I., J. M. PAPADIMITRIOU and T. A. ROBERTSON. The surface morphology of the phagocytosis of micro-organisms by peritoneal macrophages (Plates CV–CX) 221

BROOME, P., C. W. POTTER and I. CARR. The lymphoreticular response to a transplanted adenovirus 12-induced tumour of CBA mice (Plates CXI–XCIII) . 227

WANNER, R. A., M. J. EDWARDS and R. G. WRIGHT. The effect of hyperthermia on the neuro-epithelium of the 21-day guinea-pig foetus: histologic and ultrastructural study (Plates CXIV–CXIX) 235

HARRISON, J. D., and J. R. GARRETT. Histological effects of ductal ligation of salivary glands of the cat (Plates CXX–CXXIII) 245

BOOKS RECEIVED 255